ELMER DELLSON

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Curriculum vitae

ABOUT ME

LinkedIn: https://www.linkedin.com/in/elmer-dellson/
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My name is Elmer Dellson, I was born and raised in Sweden, and I am currently studying computer science and engineering at LTH. I have been playing video games for as long as I remember, and I think it is such an amazing medium: there is nothing like playing a really good game! Apart from gaming, I like to both enjoy and create film, music and musical theater. I love analyzing *why* something is good, creating things that I can be proud of, and having new and powerful experiences.

As a kid I made games using tools like *Scratch*, and in 8th grade I started programming for an internship at a game development studio, and quickly found a passion for it. After graduating from Upper Secondary School at the top of my class, I took a break and studied film for a year. I am now enrolled at LTH, and I live in Lund with my girlfriend.

ACADEMIC MERITS

Education	University/School	Period
Master of Science in Engineering, Computer Science and Engineering (Civilingenjörsutbildning i Datateknik)	Lund University Faculty of Engineering (LTH)	2017 -
Film Studies (60 credits)	Lund University	2016 - 2017
Upper Secondary School Technology program - Game Development	Ljud- och Bildskolan Lund	2013 - 2016

TECHNICAL SKILLS

Computers have been my main hobby since I was in kindergarten, and I have always been keen to understand how things work under the hood. During my education at LTH I have practiced writing good, readable, and maintainable code, both in single- and multithreaded applications. I am experienced at switching between, and adapting to, different programming languages, environments and operating systems.

I have studied computer graphics: both practical implementations and the underlying theory. I have developed larger projects as part of a bigger team (using Git), both for class and professionally. I have also studied a lot of math, including multidimensional analysis and linear algebra, as well as computer science theory like algorithms, complexity analysis and data structures. I have experience with:

Programming Languages   C++, C#, GLSL, Java, Go (golang), Scala, C, Javascript, Assembly, Python, Haskell, among others.

Tools & Software   Unity, Unreal Engine, Visual Studio/VSCode, BASH, Git, LaTeX, Adobe Photoshop & After Effects, Sony VEGAS, among others.

PREVIOUS EMPLOYMENT

BrainLit AB 2019
Junior Development Engineer, Lund

· Worked full time as developer at the health-tech company BrainLit at Medicon Village in Lund during the summer of 2019. I was involved in two projects: I implemented a user interface for a lighting system, including server communication and database handling; and I worked on an application for calculating how light spreads in a room, implementing the actual algorithm as well as interaction with UI and database. The languages I used here were Go, Javascript (React), HTML, CSS, and SQL. Version control was done with Git.

(I was slated to return to BrainLit for the summer of 2020, but the plans were changed due to the COVID-19 pandemic.)

VOLUNTEER WORK

Director 2018
Kristianstads Nation, Lund

· Directed several productions of student musical theater (spex) with the student musical theater association Krischanstaspääxet. The role of Director meant responsibility for all creative aspects of the production, organizing the script writing process, organizing the actors, as well as actual directing. The work taught me a lot about being directly responsible for a lot of people, and about being the person everyone turns to when they need something.

HOBBIES AND OTHER MERITS

Very involved in Lund University student life, especially musical theater (Jesperspexet and Krischanstaspääxet). I have directed, acted, written scripts, produced, and worked with sound and lighting, among other roles of responsibility.

Practiced Taekwondo for 7 years. Achieved second degree Black Belt and competed in 4 major international championship where I won several categories.

While studying film, I edited a one-film version of the *The Hobbit* films that is more true to the book and the world of Tolkien.

I play the Piano.

Participated in an internation peace camp for youths in Xi'an, China, through the organization CISV during a month of 2011. I learned a lot about cooperation, communication, and cultural differences and similarities between the 8 participating nations.